

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102722\
 Data File : VN075044.D
 Acq On : 27 Oct 2022 16:31
 Operator : JC\MD
 Sample : N5303-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NWB-1838

Quant Time: Oct 28 02:15:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

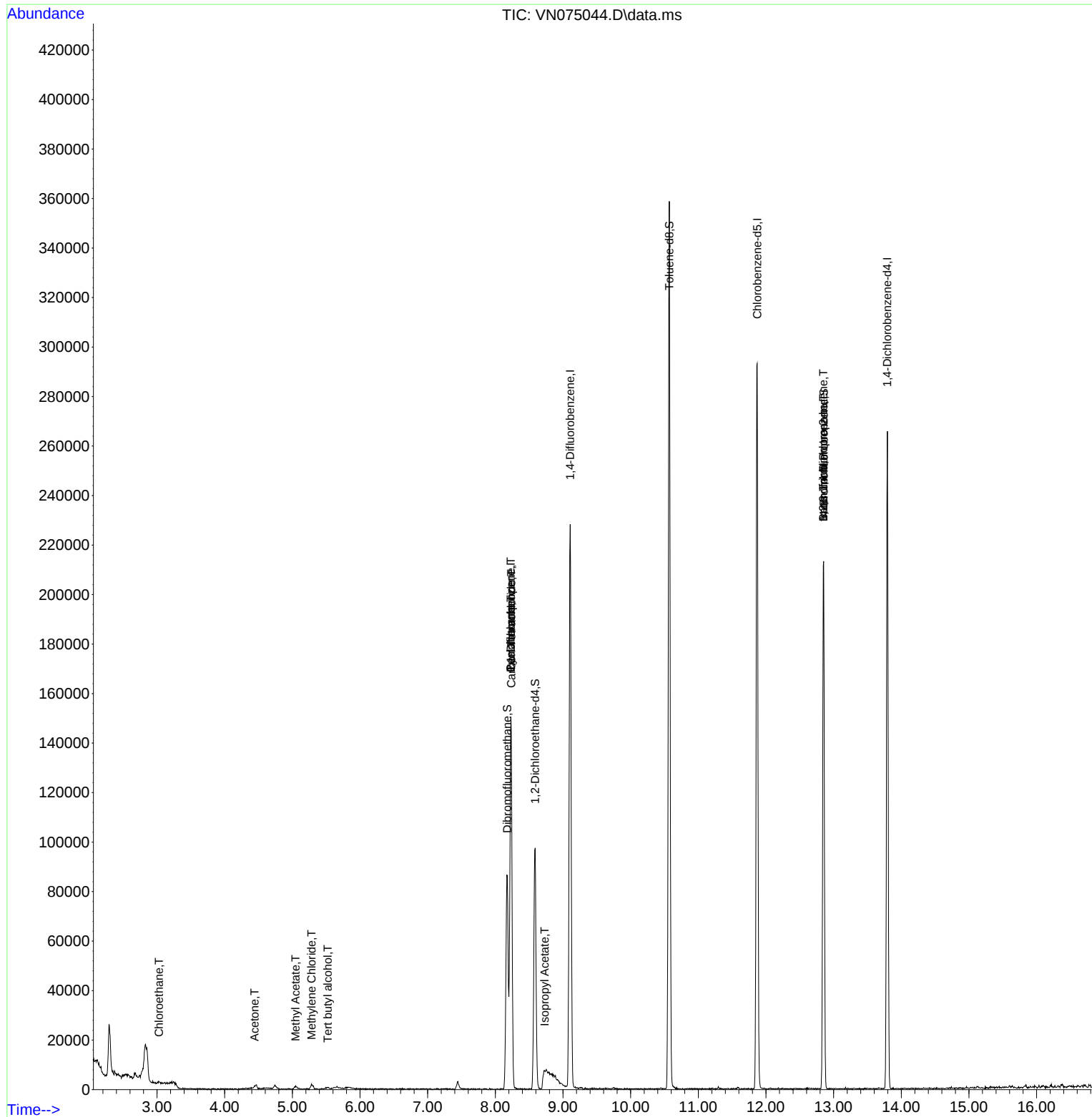
Internal Standards						
1) Pentafluorobenzene	8.230	168	105331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	199459	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	168227	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	68451	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	81538	57.453	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.900%			
35) Dibromofluoromethane	8.177	113	62269	53.179	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.360%			
50) Toluene-d8	10.571	98	244210	53.757	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.520%			
62) 4-Bromofluorobenzene	12.853	95	73497	46.056	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.120%			
Target Compounds						
					Qvalue	
6) Chloroethane	3.030	64	456	0.306	ug/l #	45
11) Tert butyl alcohol	5.524	59	517	1.562	ug/l #	72
16) Acetone	4.442	43	1045	1.739	ug/l	95
18) Methyl Acetate	5.047	43	2312	1.178	ug/l #	61
20) Methylene Chloride	5.283	84	1527	1.140	ug/l #	67
31) Cyclohexane	8.230	56	2604	1.234	ug/l #	49
36) 1,1-Dichloropropene	8.230	75	9491	5.236	ug/l #	49
38) Carbon Tetrachloride	8.235	117	11612	5.823	ug/l #	17
43) Isopropyl Acetate	8.730	43	6618	2.146	ug/l #	53
71) Bromoform	12.847	173	662	0.664	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	40344	27.758	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	40344	71.256	ug/l #	10

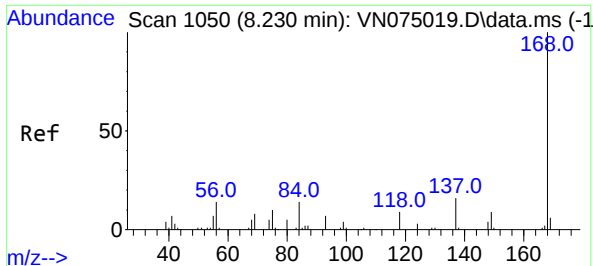
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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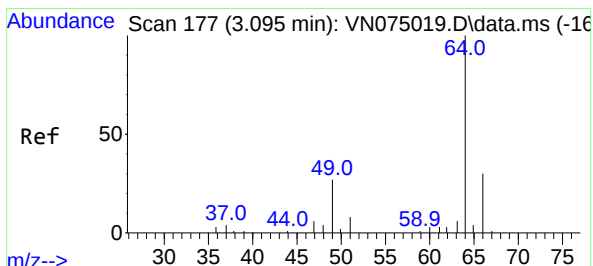
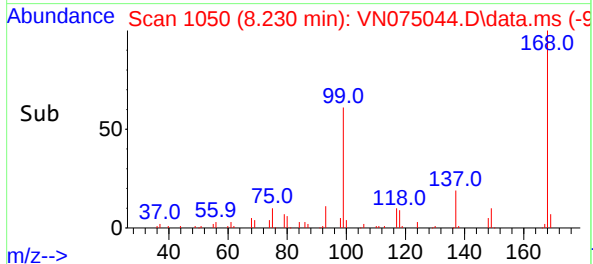
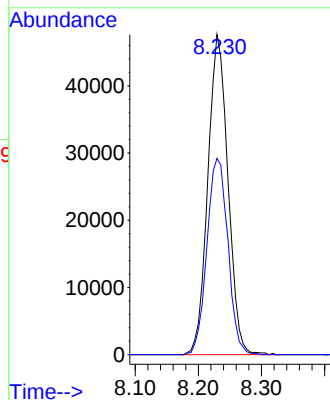
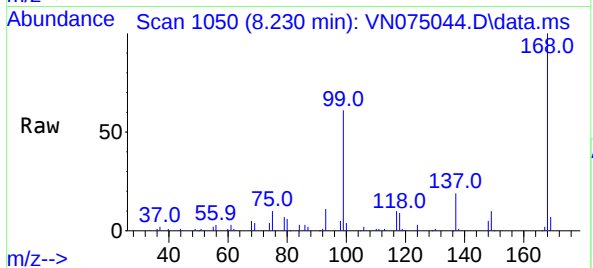




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075044.D
Acq: 27 Oct 2022 16:31

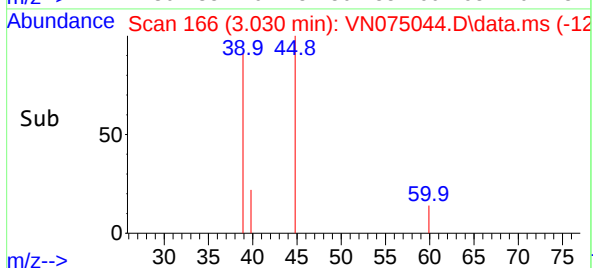
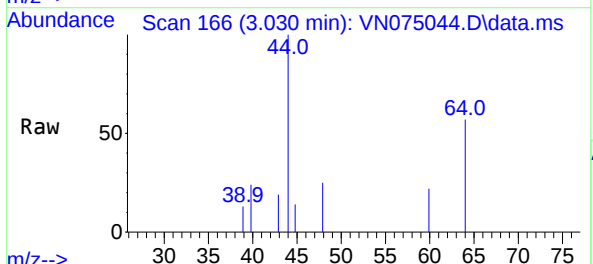
Instrument :
MSVOA_N
ClientSampleId :
NWB-1838

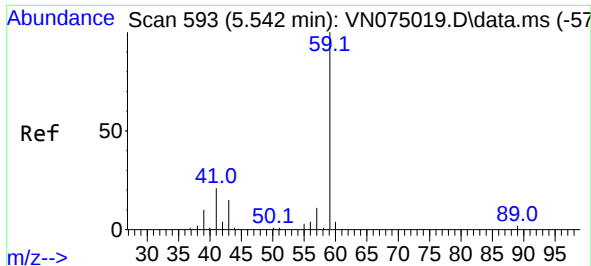
Tgt Ion:168 Resp: 105331
Ion Ratio Lower Upper
168 100
99 61.4 51.6 77.4



#6
Chloroethane
Concen: 0.306 ug/l
RT: 3.030 min Scan# 166
Delta R.T. -0.065 min
Lab File: VN075044.D
Acq: 27 Oct 2022 16:31

Tgt Ion: 64 Resp: 456
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#





#11

Tert butyl alcohol

Concen: 1.562 ug/l

RT: 5.524 min Scan# 59

Delta R.T. -0.018 min

Lab File: VN075044.D

Acq: 27 Oct 2022 16:31

Instrument :

MSVOA_N

ClientSampleId :

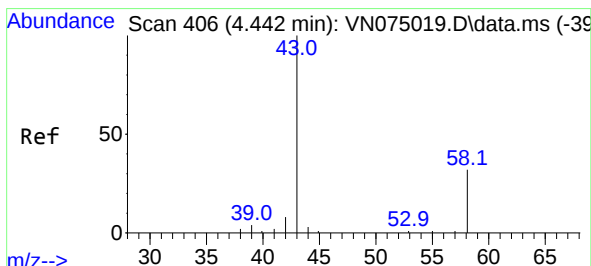
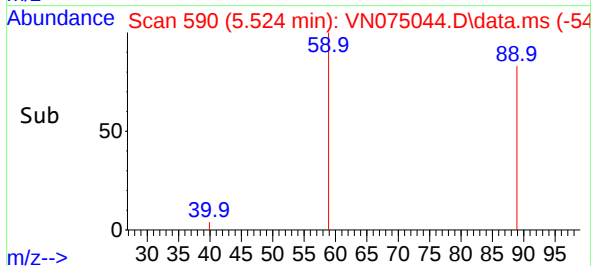
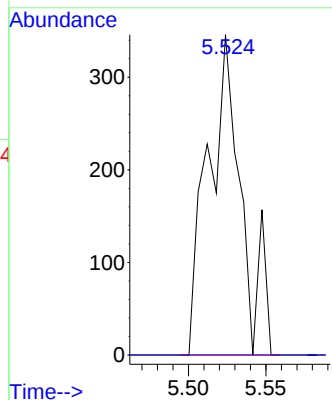
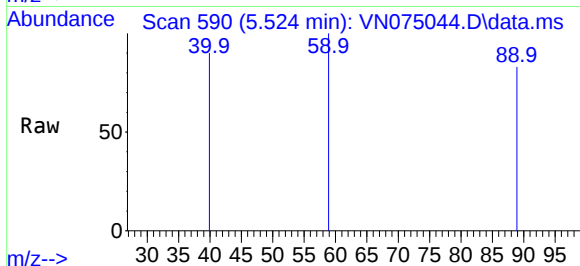
NWB-1838

Tgt Ion: 59 Resp: 517

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



#16

Acetone

Concen: 1.739 ug/l

RT: 4.442 min Scan# 406

Delta R.T. -0.000 min

Lab File: VN075044.D

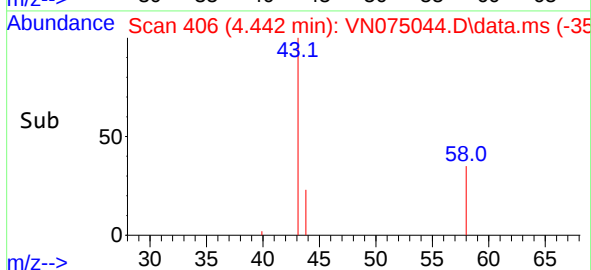
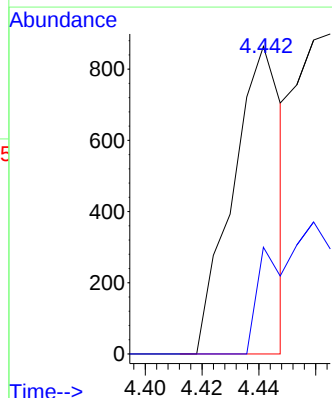
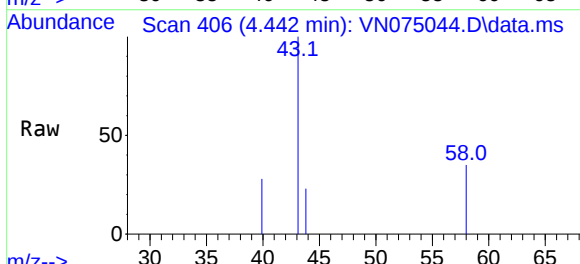
Acq: 27 Oct 2022 16:31

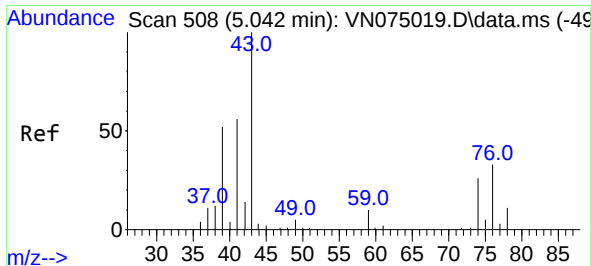
Tgt Ion: 43 Resp: 1045

Ion Ratio Lower Upper

43 100

58 34.7 25.5 38.3

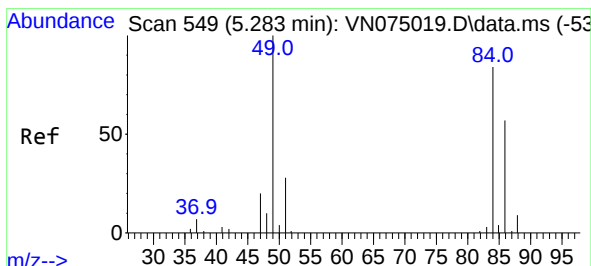
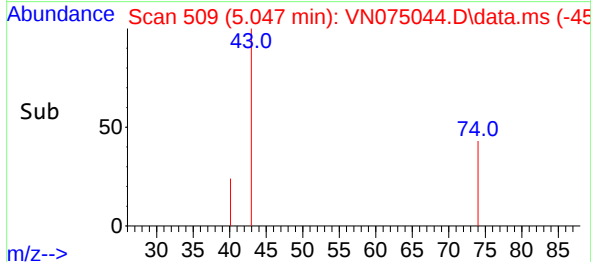
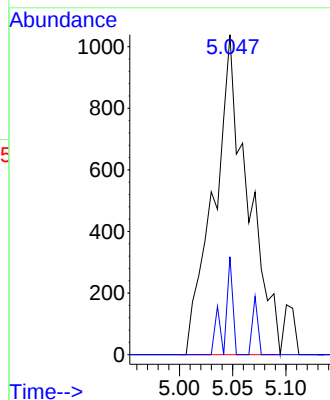
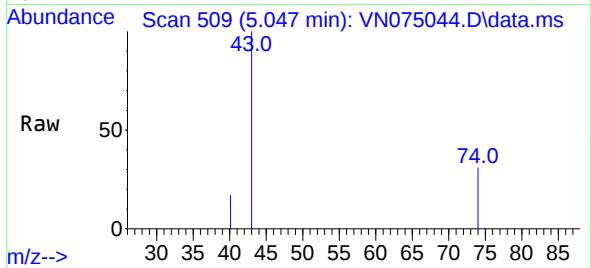




#18
Methyl Acetate
Concen: 1.178 ug/l
RT: 5.047 min Scan# 508
Delta R.T. 0.005 min
Lab File: VN075044.D
Acq: 27 Oct 2022 16:31

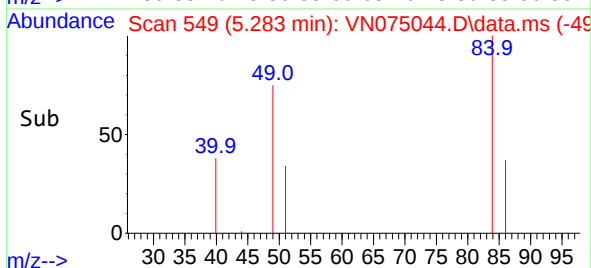
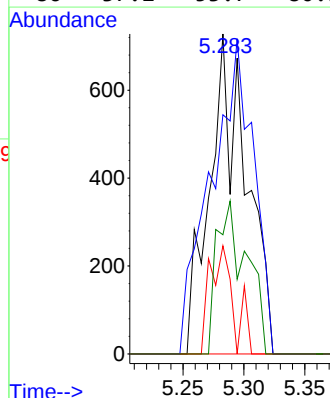
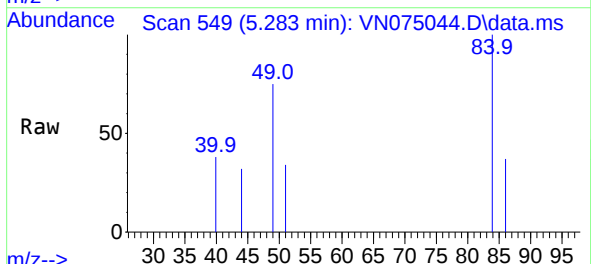
Instrument :
MSVOA_N
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NWB-1838

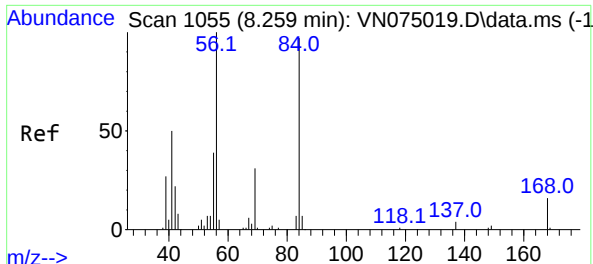
Tgt Ion: 43 Resp: 2312
Ion Ratio Lower Upper
43 100
74 7.3 22.0 33.0#



#20
Methylene Chloride
Concen: 1.140 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.000 min
Lab File: VN075044.D
Acq: 27 Oct 2022 16:31

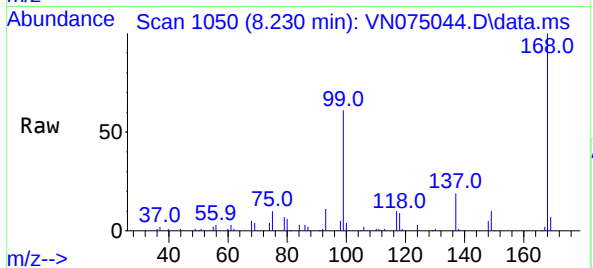
Tgt Ion: 84 Resp: 1527
Ion Ratio Lower Upper
84 100
49 74.7 94.9 142.3#
51 33.8 26.8 40.2
86 37.2 53.7 80.5#



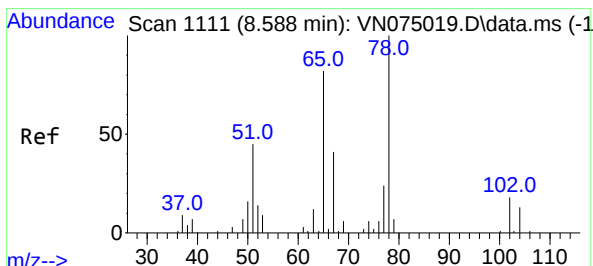
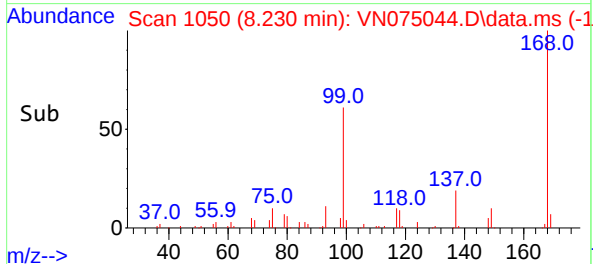
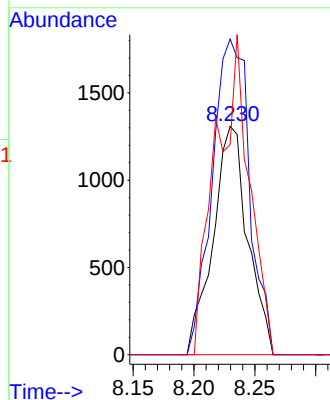


#31
Cyclohexane
Concen: 1.234 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.029 min
Lab File: VN075044.D
Acq: 27 Oct 2022 16:31

Instrument :
MSVOA_N
ClientSampleId :
NWB-1838

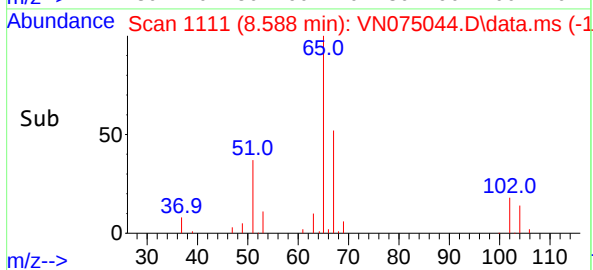
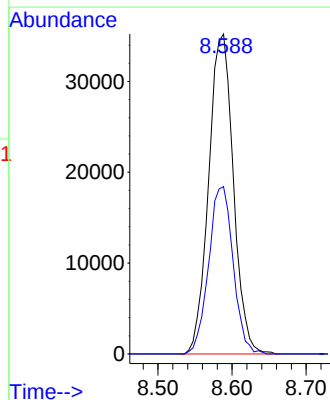
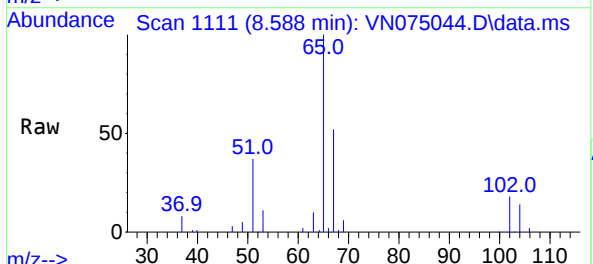


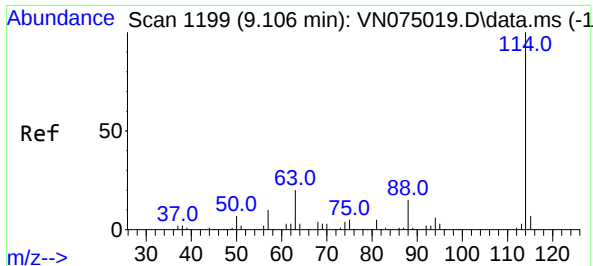
Tgt Ion: 56 Resp: 2604
Ion Ratio Lower Upper
56 100
69 138.2 25.2 37.8#
84 92.0 77.8 116.8



#33
1,2-Dichloroethane-d4
Concen: 57.453 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VN075044.D
Acq: 27 Oct 2022 16:31

Tgt Ion: 65 Resp: 81538
Ion Ratio Lower Upper
65 100
67 51.9 0.0 102.0

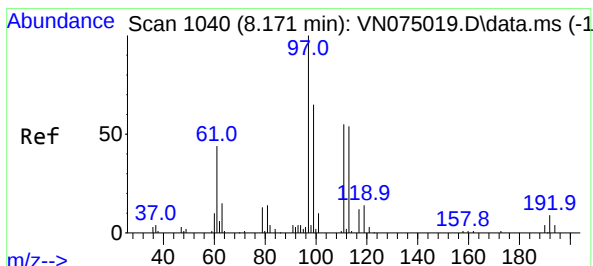
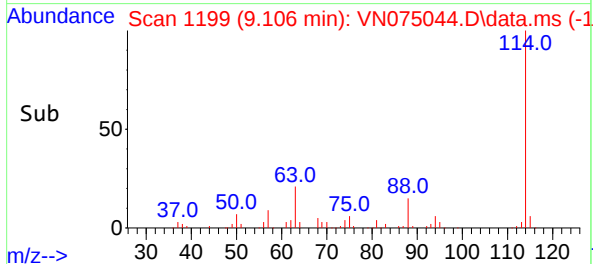
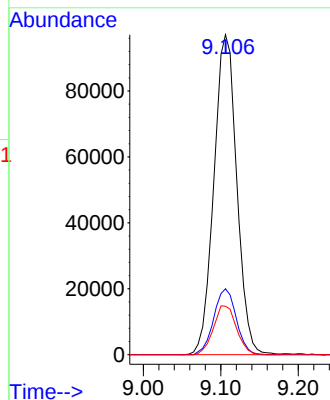
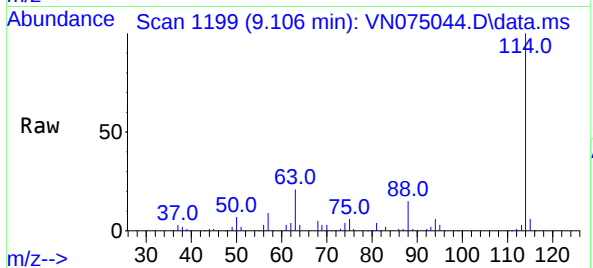




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075044.D
Acq: 27 Oct 2022 16:31

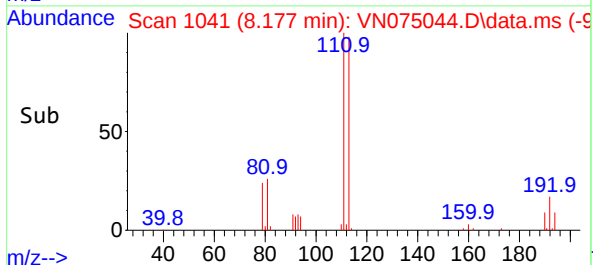
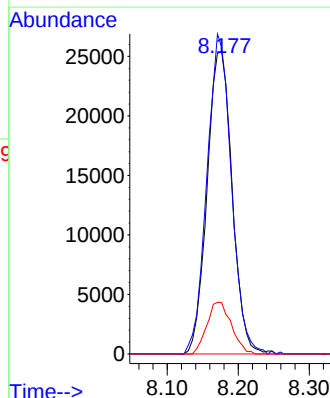
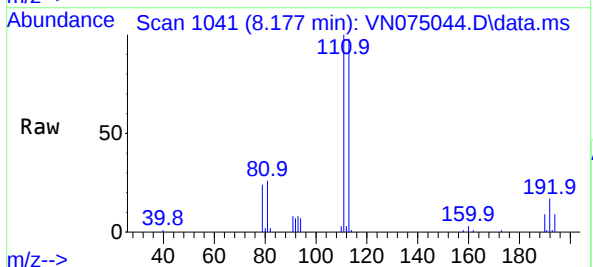
Instrument :
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NWB-1838

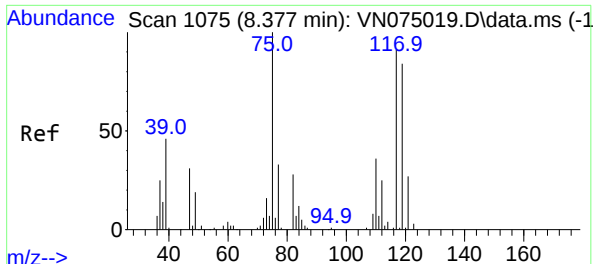
Tgt Ion:114 Resp: 199459
Ion Ratio Lower Upper
114 100
63 20.6 0.0 39.6
88 15.1 0.0 29.0



#35
Dibromofluoromethane
Concen: 53.179 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075044.D
Acq: 27 Oct 2022 16:31

Tgt Ion:113 Resp: 62269
Ion Ratio Lower Upper
113 100
111 103.6 80.5 120.7
192 16.7 13.2 19.8





#36

1,1-Dichloropropene

Concen: 5.236 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.147 min

Lab File: VN075044.D

Acq: 27 Oct 2022 16:31

Instrument :

MSVOA_N

ClientSampleId :

NWB-1838

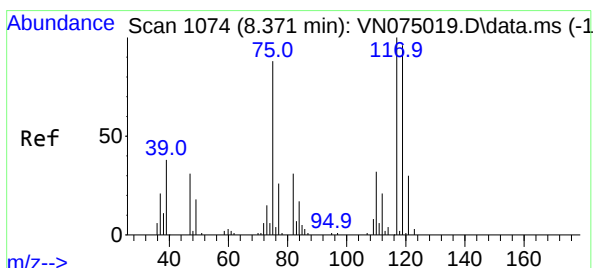
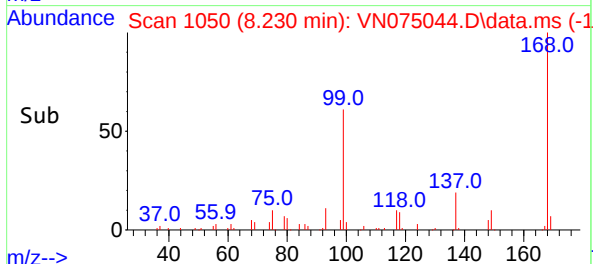
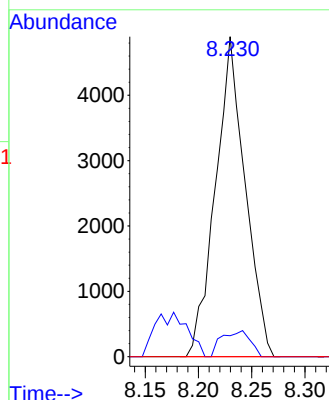
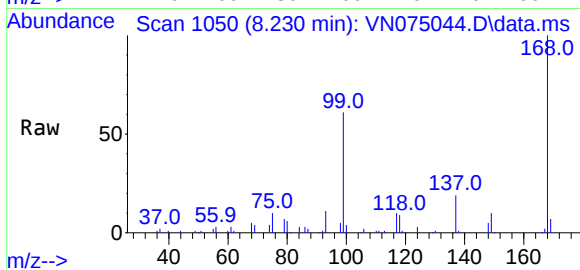
Tgt Ion: 75 Resp: 9491

Ion Ratio Lower Upper

75 100

110 7.8 17.8 53.3#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.823 ug/l

RT: 8.235 min Scan# 1051

Delta R.T. -0.136 min

Lab File: VN075044.D

Acq: 27 Oct 2022 16:31

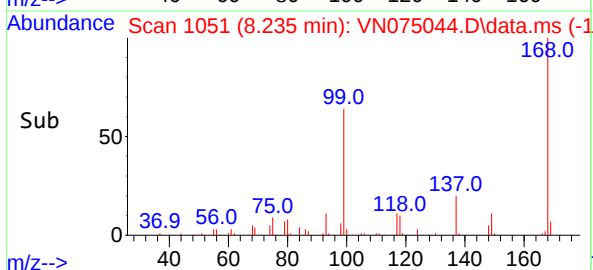
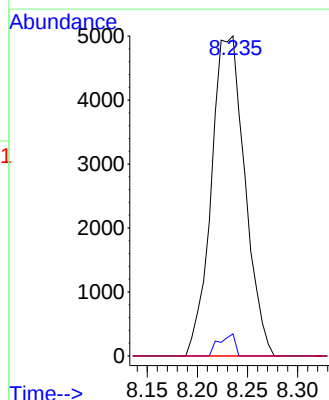
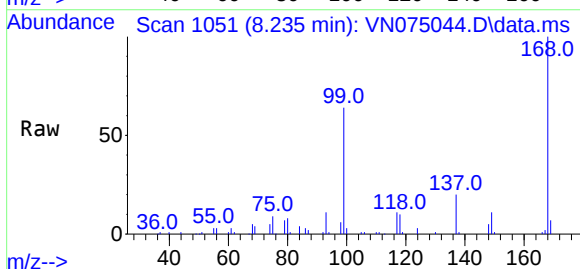
Tgt Ion: 117 Resp: 11612

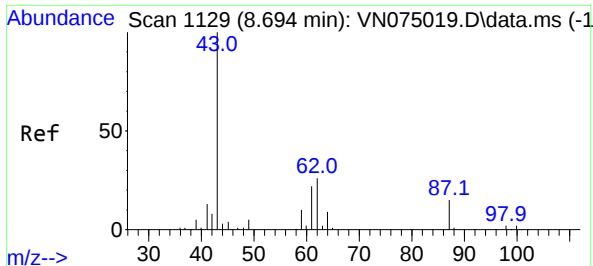
Ion Ratio Lower Upper

117 100

119 6.9 76.7 115.1#

121 0.0 23.9 35.9#





#43

Isopropyl Acetate

Concen: 2.146 ug/l

RT: 8.730 min Scan# 1129

Delta R.T. 0.036 min

Lab File: VN075044.D

Acq: 27 Oct 2022 16:31

Instrument :

MSVOA_N

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NWB-1838

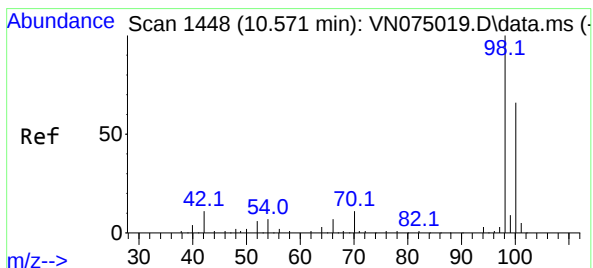
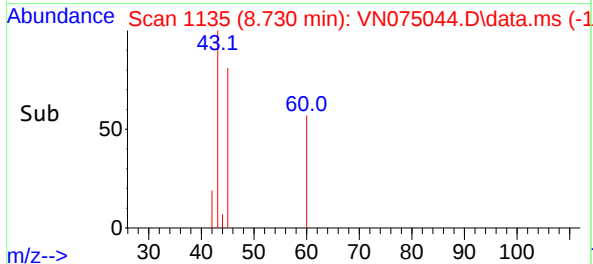
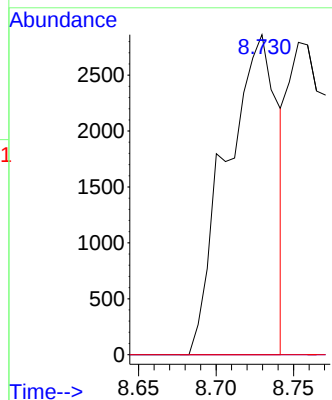
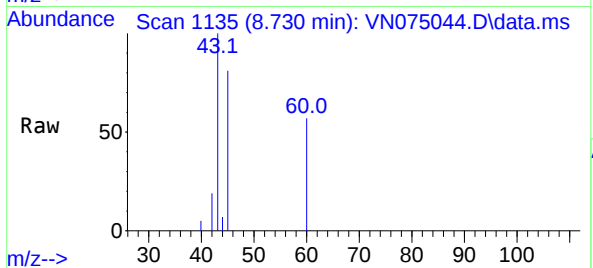
Tgt Ion: 43 Resp: 6618

Ion Ratio Lower Upper

43 100

61 0.0 22.4 33.6#

87 0.0 12.5 18.7#



#50

Toluene-d8

Concen: 53.757 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075044.D

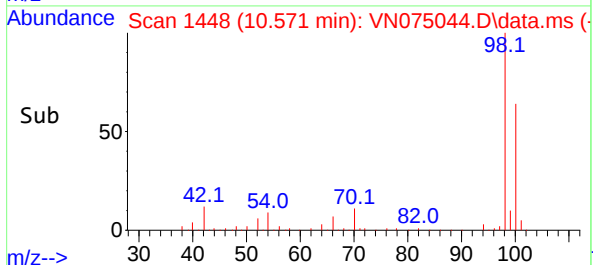
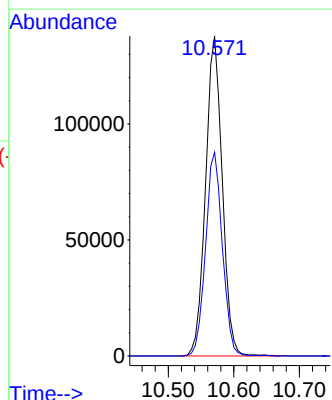
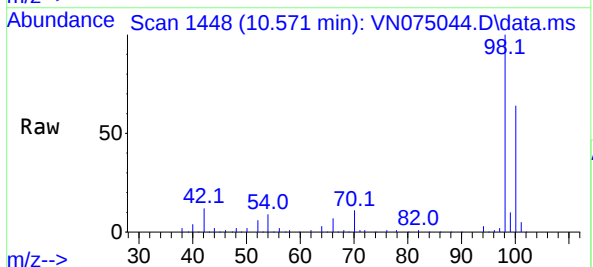
Acq: 27 Oct 2022 16:31

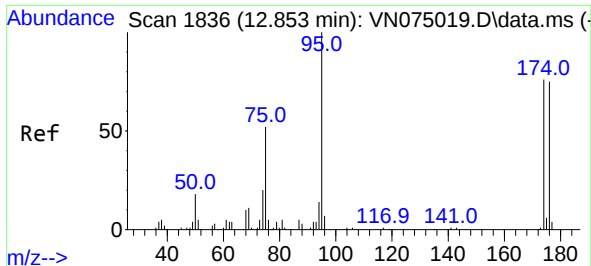
Tgt Ion: 98 Resp: 244210

Ion Ratio Lower Upper

98 100

100 64.0 53.0 79.6

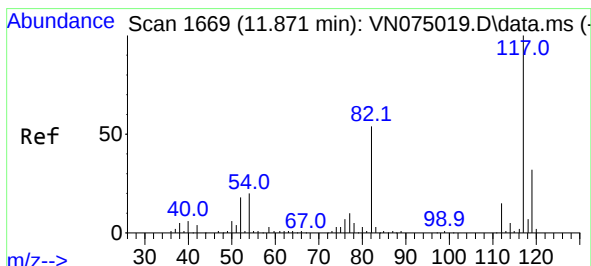
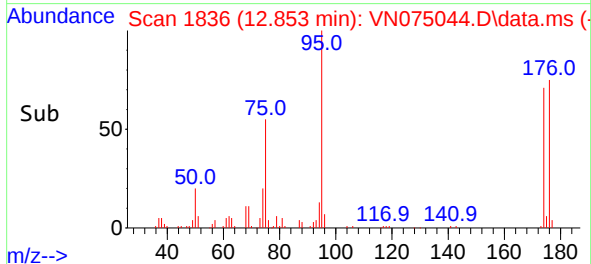
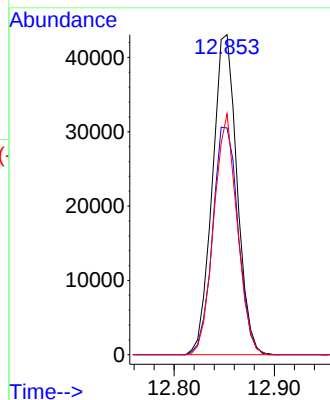
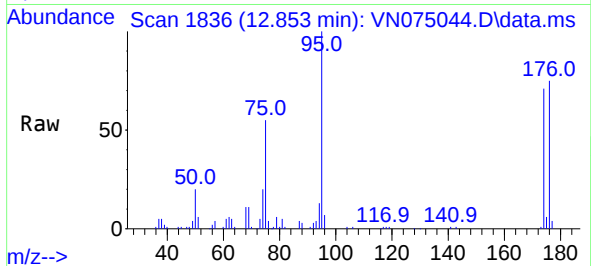




#62
4-Bromofluorobenzene
Concen: 46.056 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075044.D
Acq: 27 Oct 2022 16:31

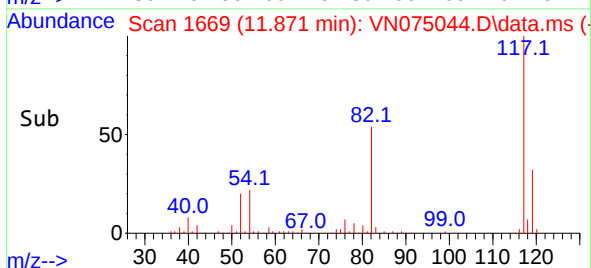
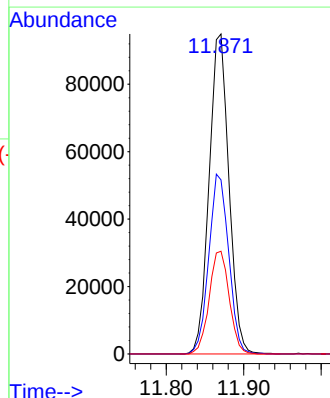
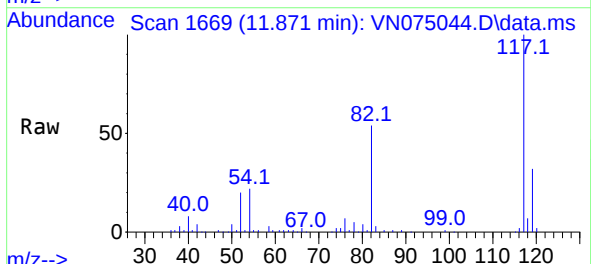
Instrument :
MSVOA_N
ClientSampleId :
NWB-1838

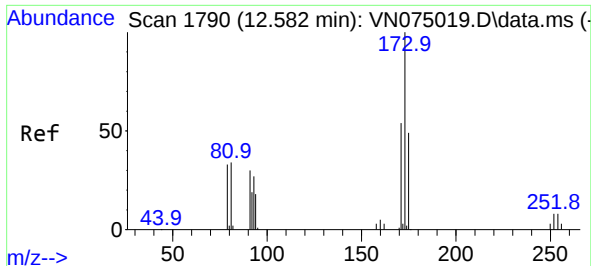
Tgt Ion: 95 Resp: 73497
Ion Ratio Lower Upper
95 100
174 73.9 0.0 147.4
176 71.6 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN075044.D
Acq: 27 Oct 2022 16:31

Tgt Ion: 117 Resp: 168227
Ion Ratio Lower Upper
117 100
82 54.4 43.1 64.7
119 32.1 25.5 38.3

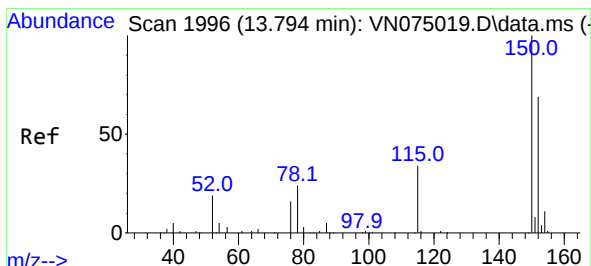
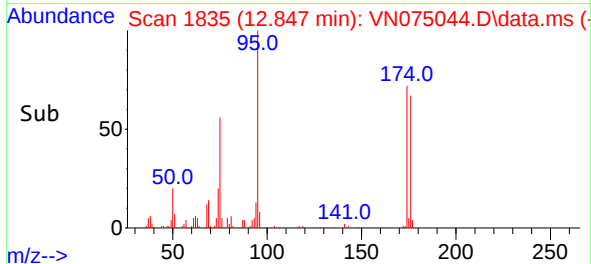
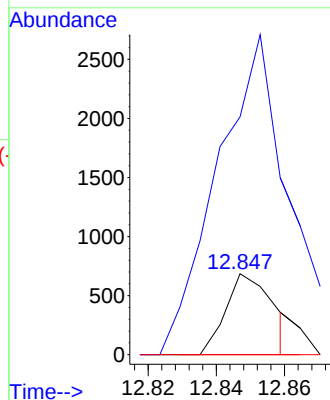
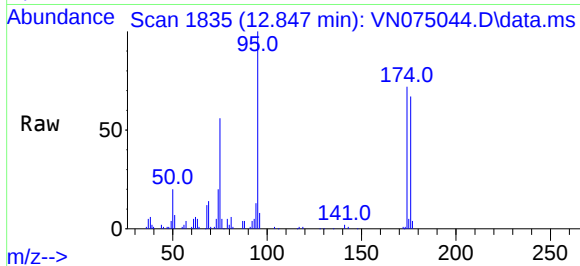




#71
Bromoform
Concen: 0.664 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.265 min
Lab File: VN075044.D
Acq: 27 Oct 2022 16:31

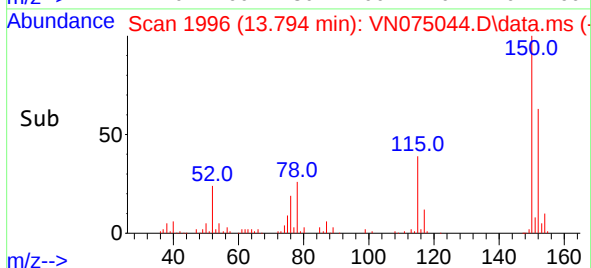
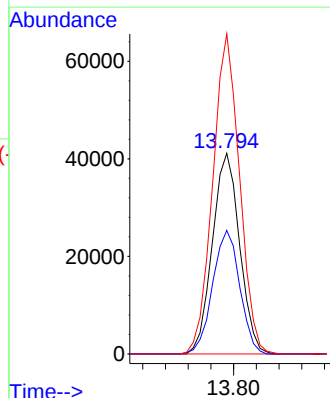
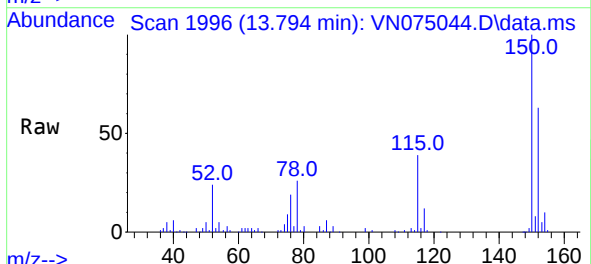
Instrument :
MSVOA_N
ClientSampleId :
NWB-1838

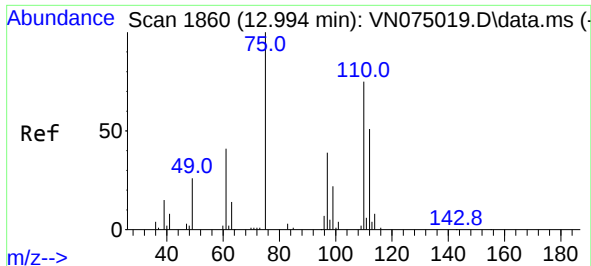
Tgt Ion:173 Resp: 662
Ion Ratio Lower Upper
173 100
175 498.6 24.6 74.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075044.D
Acq: 27 Oct 2022 16:31

Tgt Ion:152 Resp: 68451
Ion Ratio Lower Upper
152 100
115 61.3 30.2 90.6
150 156.8 0.0 348.4

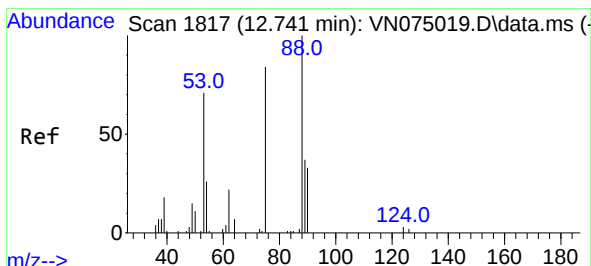
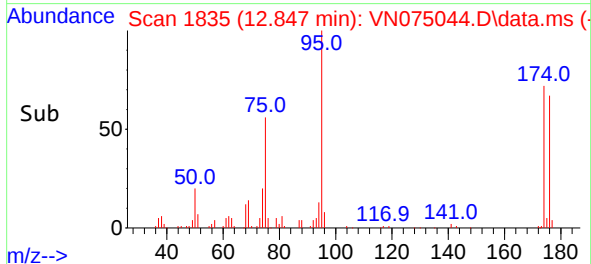
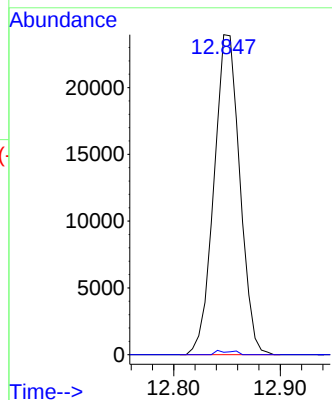
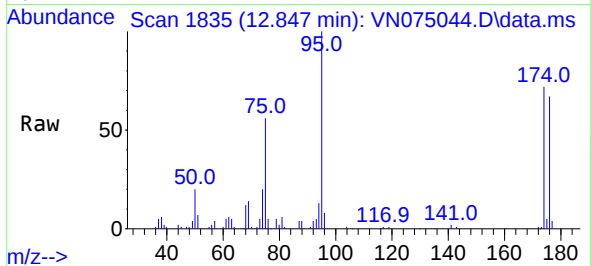




#76
1,2,3-Trichloropropane
Concen: 27.758 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN075044.D
Acq: 27 Oct 2022 16:31

Instrument :
MSVOA_N
ClientSampleId :
NWB-1838

Tgt Ion: 75 Resp: 40344
Ion Ratio Lower Upper
75 100
77 0.9 75.6 226.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.256 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.106 min
Lab File: VN075044.D
Acq: 27 Oct 2022 16:31

Tgt Ion: 75 Resp: 40344
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#

